

### Abstract

5       A hermetic compressor is disclosed having an electric motor, a compressor unit, and an overload protector within a hermetically sealed housing. The overload protector includes a thermally activated switching device for selectively providing current to the electric motor, a heater element thermally coupled to the switching device, and a control circuit controlling the heater element. The overload protector allows the disconnection of power to the motor due to factors and conditions specified in the remotely located control circuit.